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# SCIENCE

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## CONTENTS

<i>Some Problems of the Industrial Chemist:</i> J. E. TEEPLE .....	321
<i>The Scientific Work of the San Diego Marine Biological Station during the Year 1908:</i> PROFESSOR WM. E. RITTER .....	329
<i>The National Education Association</i> .....	333
<i>Congress on Tuberculosis</i> .....	336
<i>Collections of Minerals from Ontario</i> .....	336
<i>Lectures on Hygiene at Cornell University</i> ..	337
<i>Scientific Notes and News</i> .....	337
<i>University and Educational News</i> .....	341
<i>Discussion and Correspondence:—</i>	
<i>The American Society of Naturalists: DR. CHAS. B. DAVENPORT. The Highest Balloon Ascent: G. T. OVERSTREET. Salaries at Bryn Mawr College: PRESIDENT HENRY S. PRITCHETT</i> .....	341
<i>Quotations:—</i>	
<i>The Triumph of Sanitation at Panama</i> ..	343
<i>Scientific Books:—</i>	
<i>Smith's General Chemistry for Colleges:</i> PROFESSOR H. L. WELLS. <i>Haber's Thermo- dynamics of Technical Gas Reactions:</i> PRO- FESSOR GILBERT N. LEWIS. <i>Knuth's Hand- book of Flower Pollination:</i> PROFESSOR T. D. A. COCKERELL .....	344
<i>Special Articles:—</i>	
<i>Revision of "The New York Series":</i> GEORGE H. CHADWICK. <i>Observations upon a Yellow Disease of the Fall Dandelion:</i> W. J. MORSE. <i>A Principle of Elementary Laboratory Teaching for Culture Students:</i> CHARLES H. SHAW .....	346
<i>Societies and Academies:—</i>	
<i>The New York Academy of Sciences, Sec- tion of Geology and Mineralogy: DR. CHAS. P. BERKEY. The Texas Academy of Sci- ence: PROFESSOR FREDERIC W. SIMONDS</i> ..	351

## SOME PROBLEMS OF THE INDUSTRIAL CHEMIST<sup>1</sup>

THIS address or talk is the outcome of a conversation with Professor Dennis a couple of months ago. After a rather prolonged discussion of many phases of industrial chemistry of mutual interest to both of us, he very kindly suggested that you as students and workers in chemistry might be glad to hear some of these same problems discussed in the same way. I am particularly happy to undertake this task because for six years I was a part of the university here and looked at chemical problems from what I may collectively call the university point of view, while for the last nearly four years I have been engaged in looking at these problems mainly from their commercial side. Due to a combination of circumstances, it was necessary for me to assume responsibility in manufacturing chemicals along lines I had never anticipated, and to come into intimate contact with every phase of the history of these chemicals, including their sale. A further combination of circumstances has put me into intimate touch with many industries not primarily chemical, but, being users of chemicals, they have troubles and call for assistance.

When you leave the university you will, as I have, of course, many times be forced to assume the responsibility of making decisions and giving some kind of a sensible judgment based on inaccurate knowledge

MSS. intended for publication and books, etc., intended for review should be sent to the Editor of SCIENCE, Garrison-on-Hudson, N. Y., or during the present summer to Wood's Hole, Mass.

<sup>1</sup> Address given before the Cornell Section of the American Chemical Society, February 27, 1908.